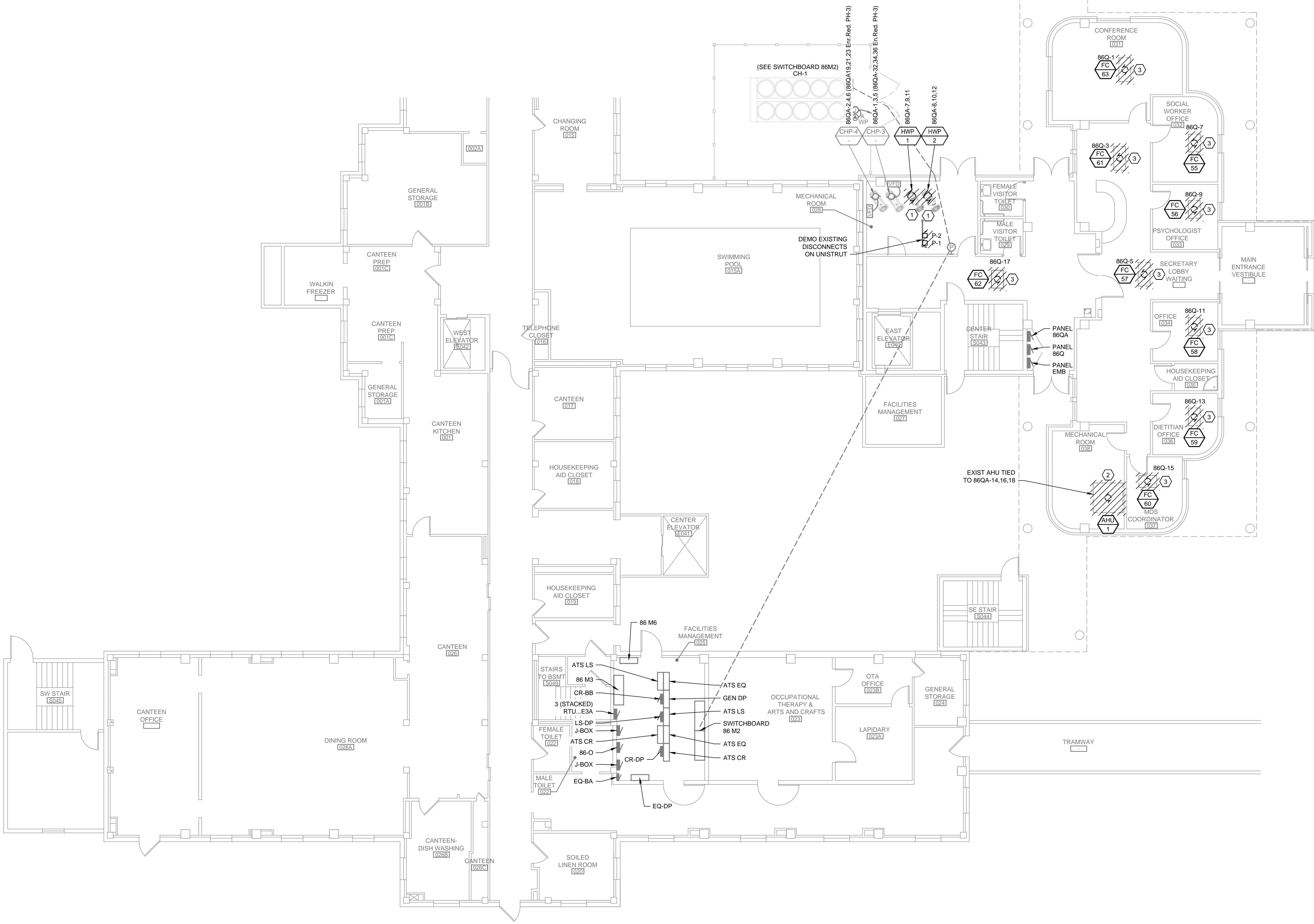
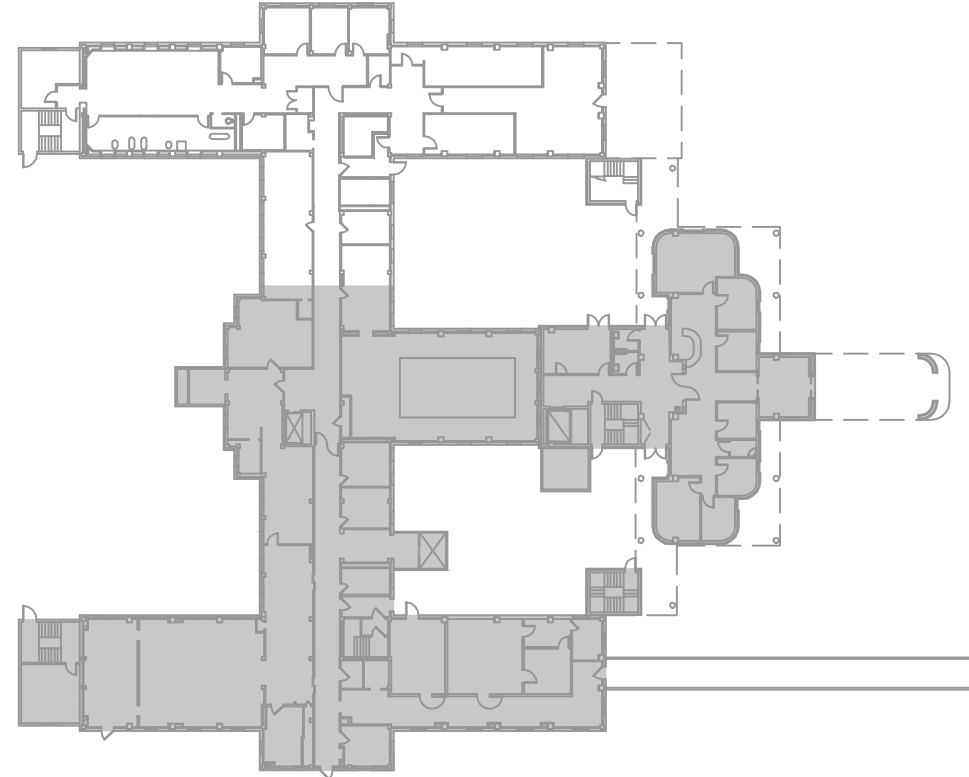


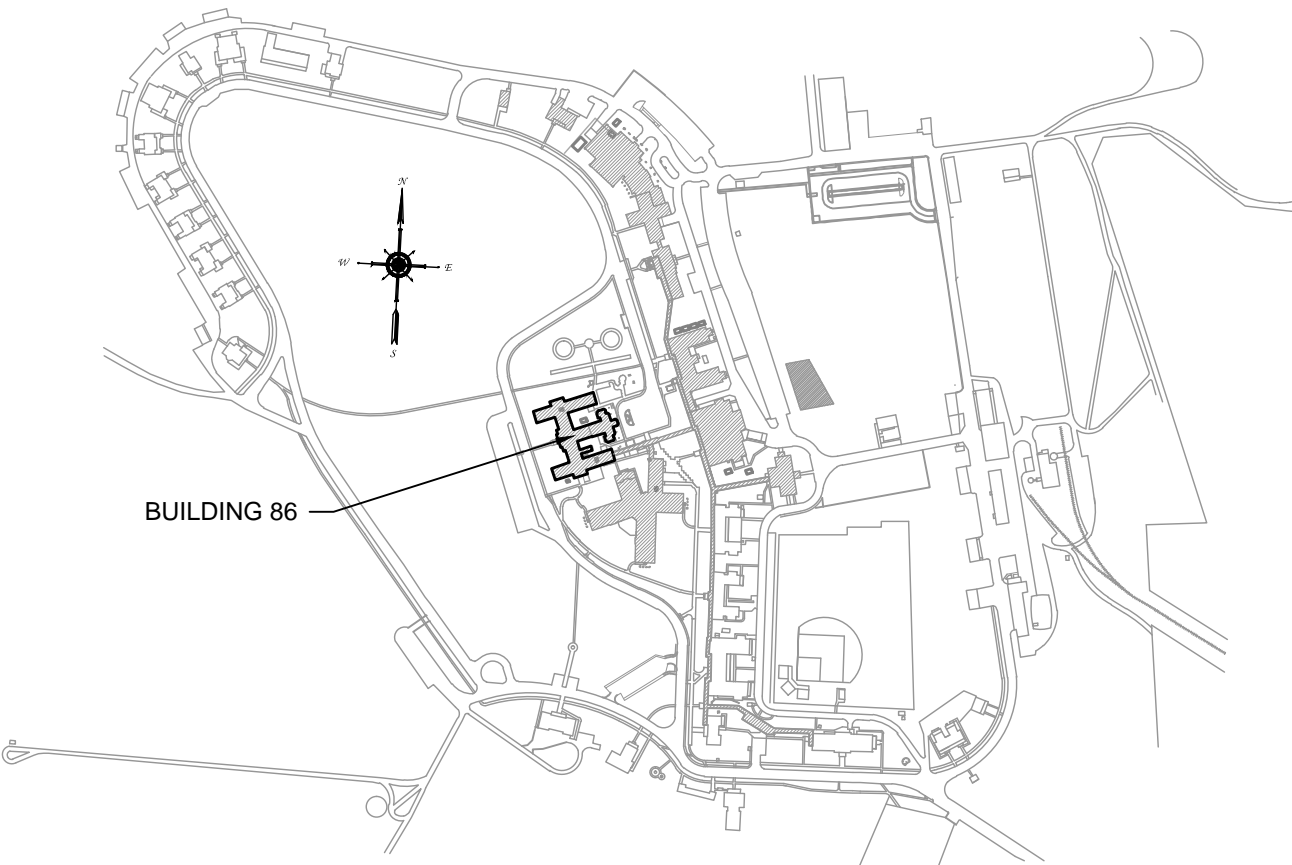
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



- GENERAL NOTES:**
- A. ALL WORK SHOWN ON THIS DRAWING IS INCLUDED IN THE PROJECT BASE BID UNLESS SPECIFICALLY IDENTIFIED AS AN ADD ALT.
 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT BEING DEMOLISHED WHICH NEED ELECTRICAL DISCONNECTION.
- PLAN NOTES:**
- 1 REMOVE ELECTRICAL CONNECTION TO HEATING WATER PUMP, DISCONNECT SWITCH, ETC AS REQUIRED. REMOVE CONDUCTOR BACK TO PANEL AS WELL AS CORRESPONDING BREAKER. CONTRACTOR MAY REUSE EXISTING CONDUIT, VERIFY IN FIELD THAT EXISTING CONDUIT IS 3/4" C.
 - 2 REMOVE ELECTRICAL CONNECTION TO AIR HANDLING UNIT, DISCONNECT SWITCH, ETC AS REQUIRED. REMOVE CONDUCTOR BACK TO PANEL AS WELL AS CORRESPONDING BREAKER. CONTRACTOR MAY REUSE EXISTING CONDUIT, VERIFY IN FIELD THAT EXISTING CONDUIT IS 3/4" C.
 - 3 REMOVE ELECTRICAL CONNECTION TO FAN COIL UNIT, ETC AS REQUIRED. RETAIN IN PLACE ALL EXISTING CONDUCTORS AND GROUNDING CONDUCTORS FOR RECONNECTION IN PROJECT REMODEL PHASE.

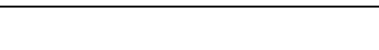

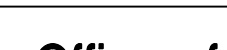
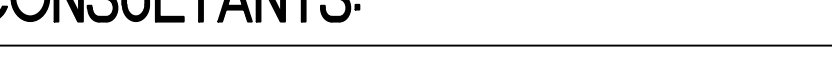


BASEMENT KEY PLAN
SCALE: N.T.S.

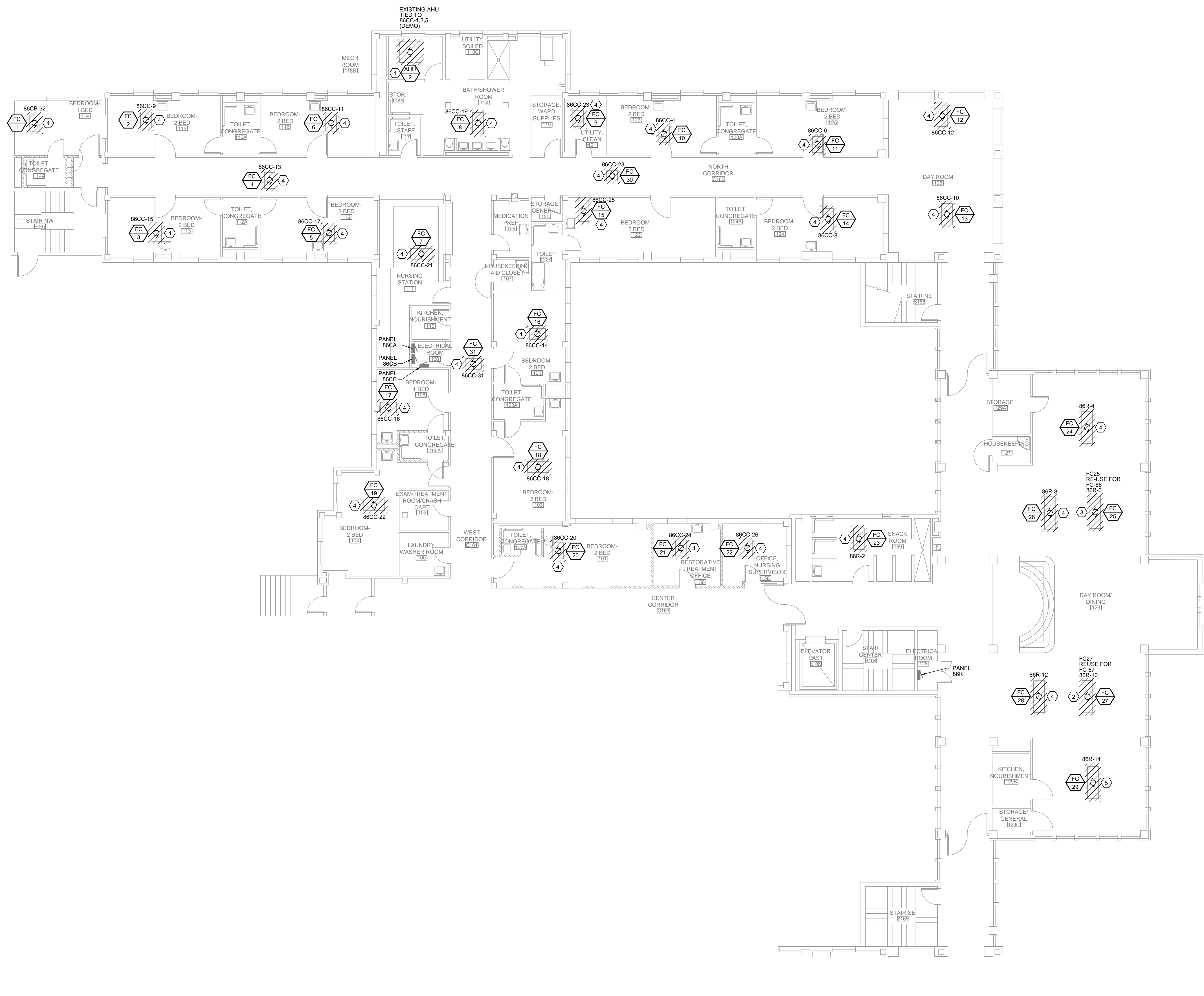


SITE KEY PLAN
SCALE: N.T.S.

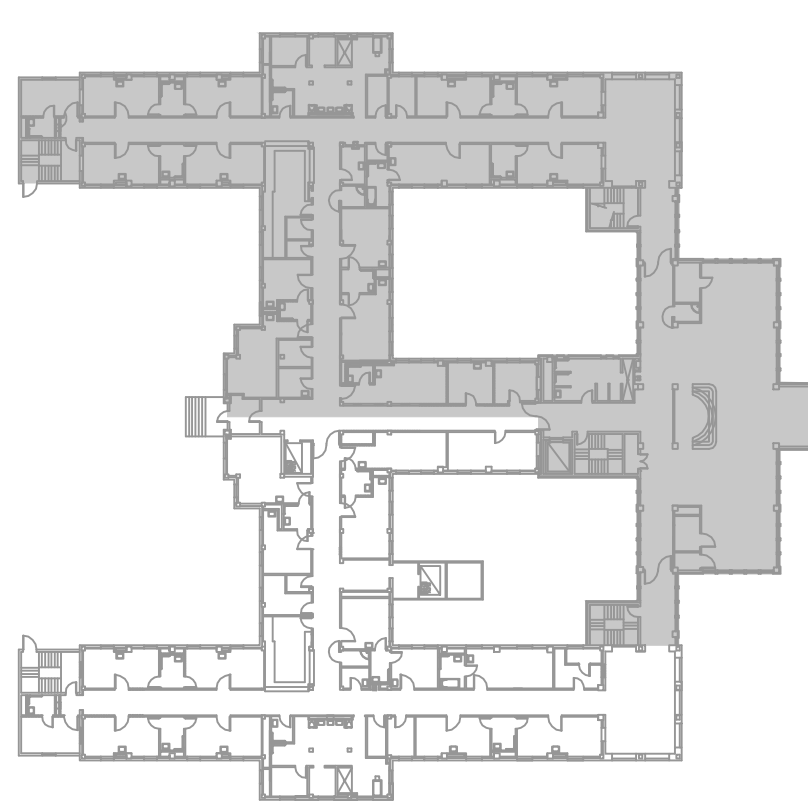
1 BASEMENT FLOOR DEMOLITION PLAN - SOUTH
SCALE: 1/8" = 1'-0" BUILDING 86

		CONSULTANTS:				ARCHITECT/ENGINEERS:				Drawing Title BASEMENT FLOOR DEMOLITION PLAN - SOUTH		Project Title Sheridan VAMC Building 86 HVAC Remodel		Project Number 666-14-108		Office of Construction and Facilities Management 			
		 220 Main Street Rapid City, SD 57701 Office: (605) 341-6939 Fax: (605) 341-6883 www.maloneengineering.com SMalone@maloneengineering.com				517 SEVENTH STREET RAPID CITY, SD 57701 (605) 342-9470 (605) 348-0571 (FAX)				Approved Project Director		Location Sheridan, Wyoming		Building Number 86					
Revisions:		Date				08-1542-022						Date 05 / 10 / 2013		Checked NFD				Drawn JRB	

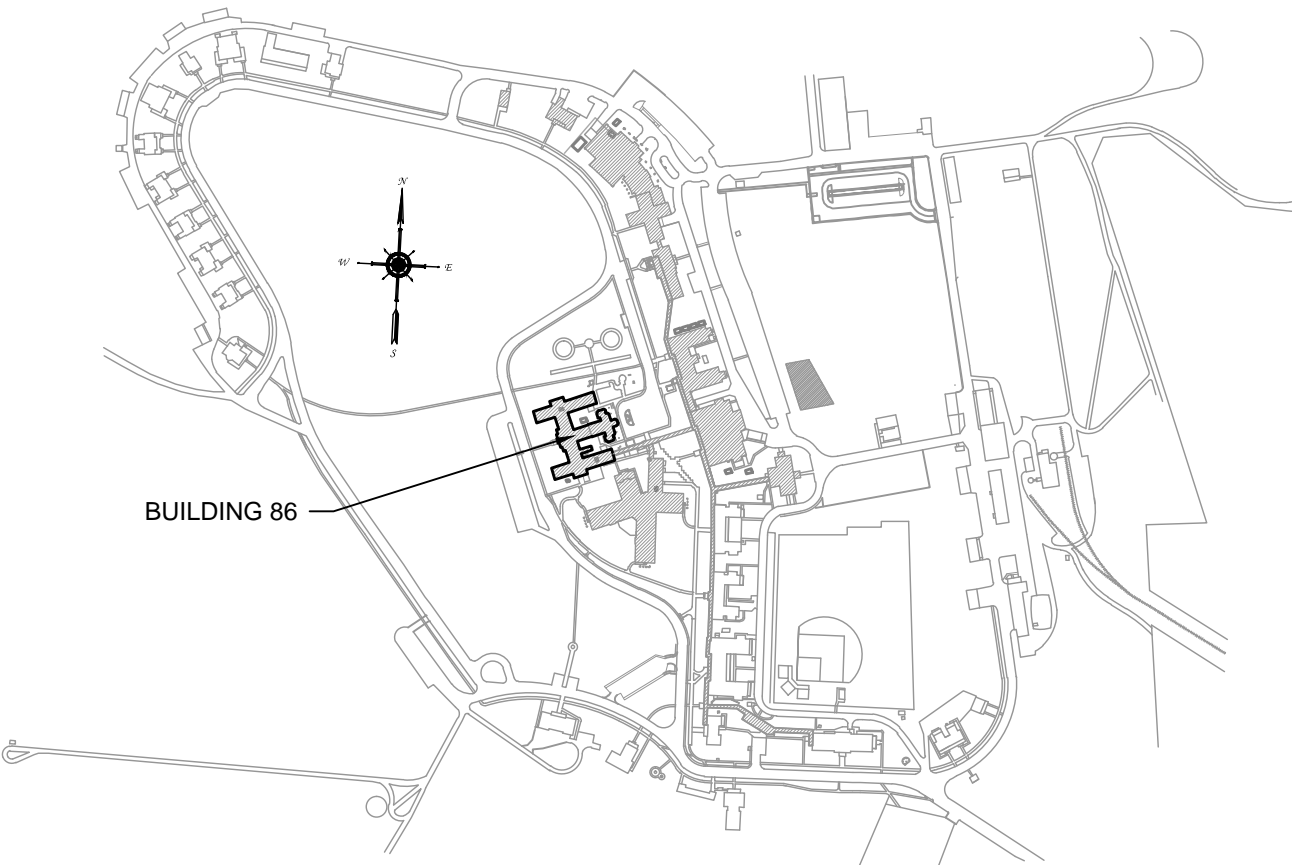
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- GENERAL NOTES:**
- A. ALL WORK SHOWN ON THIS DRAWING IS INCLUDED IN THE PROJECT BASE BID UNLESS SPECIFICALLY IDENTIFIED AS AN ADD ALT.
 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT BEING DEMOLISHED WHICH NEED ELECTRICAL DISCONNECTION.
- PLAN NOTES:**
- 1 REMOVE ELECTRICAL CONNECTION TO AIR HANDLING UNIT, DISCONNECT SWITCH, ETC. AS REQUIRED. REMOVE CONDUCTOR BACK TO PANEL AS WELL AS CORRESPONDING BREAKER. CONTRACTOR MAY REUSE EXISTING CONDUIT, VERIFY IN FIELD THAT EXISTING CONDUIT IS 3/4" C.
 - 2 THIS FAN COIL UNIT TO BE DEMOLISHED WITH NO REPLACEMENT AT THIS LOCATION. NEW FAN COIL UNIT FC-67 TO BE CONNECTED TO THIS CIRCUIT. NEW FC-67 IS IN THIS ROOM, SEE E202.
 - 3 THIS FAN COIL UNIT TO BE DEMOLISHED WITH NO REPLACEMENT AT THIS LOCATION. NEW FAN COIL UNIT FC-66 TO BE CONNECTED TO THIS CIRCUIT. NEW FC-66 IS IN ROOM 102 EXAM TREATMENT ROOM/CRASH CART, SEE E202.
 - 4 REMOVE ELECTRICAL CONNECTION TO FAN COIL UNIT, ETC AS REQUIRED. RETAIN IN PLACE ALL EXISTING CONDUCTORS AND GROUNDING CONDUCTORS FOR RECONNECTION IN PROJECT REMODEL PHASE.



FIRST FLOOR KEY PLAN
SCALE: N.T.S.



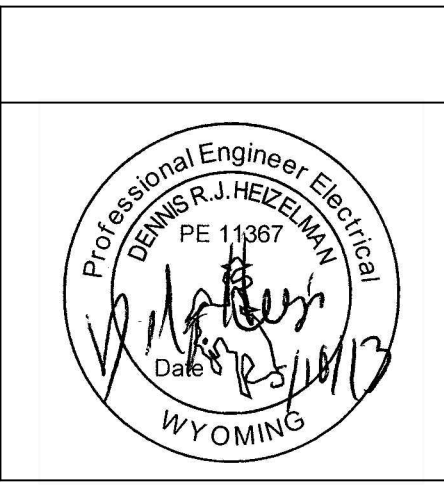
SITE KEY PLAN
SCALE: N.T.S.

1 FIRST FLOOR DEMOLITION PLAN - NORTH
SCALE: 1/8" = 1'-0" BUILDING 86

Revisions	Date

CONSULTANTS:

MALONE ENGINEERING
MECHANICAL ELECTRICAL
220 Main Street
Rapid City, SD 57701
Office: (605) 341-6939
Fax: (605) 341-6883
www.maloneengineering.com
SMalone@maloneengineering.com



ARCHITECT/ENGINEERS:

FOURFRONT DESIGN INC.
ARCHITECTURE
ENGINEERING
GEOTECHNICAL
SURVEYING
517 SEVENTH STREET
RAPID CITY, SD 57701
(605) 342-9470
(605) 348-0571 (FAX)
08-1542-022

Drawing Title
FIRST FLOOR DEMOLITION PLAN - NORTH

Approved: Project Director

Project Title
Sheridan VAMC Building 86
HVAC Remodel

Location
Sheridan, Wyoming

Date
05 / 10 / 2013

Checked
NFD

Drawn
JRB

Project Number
666-14-108

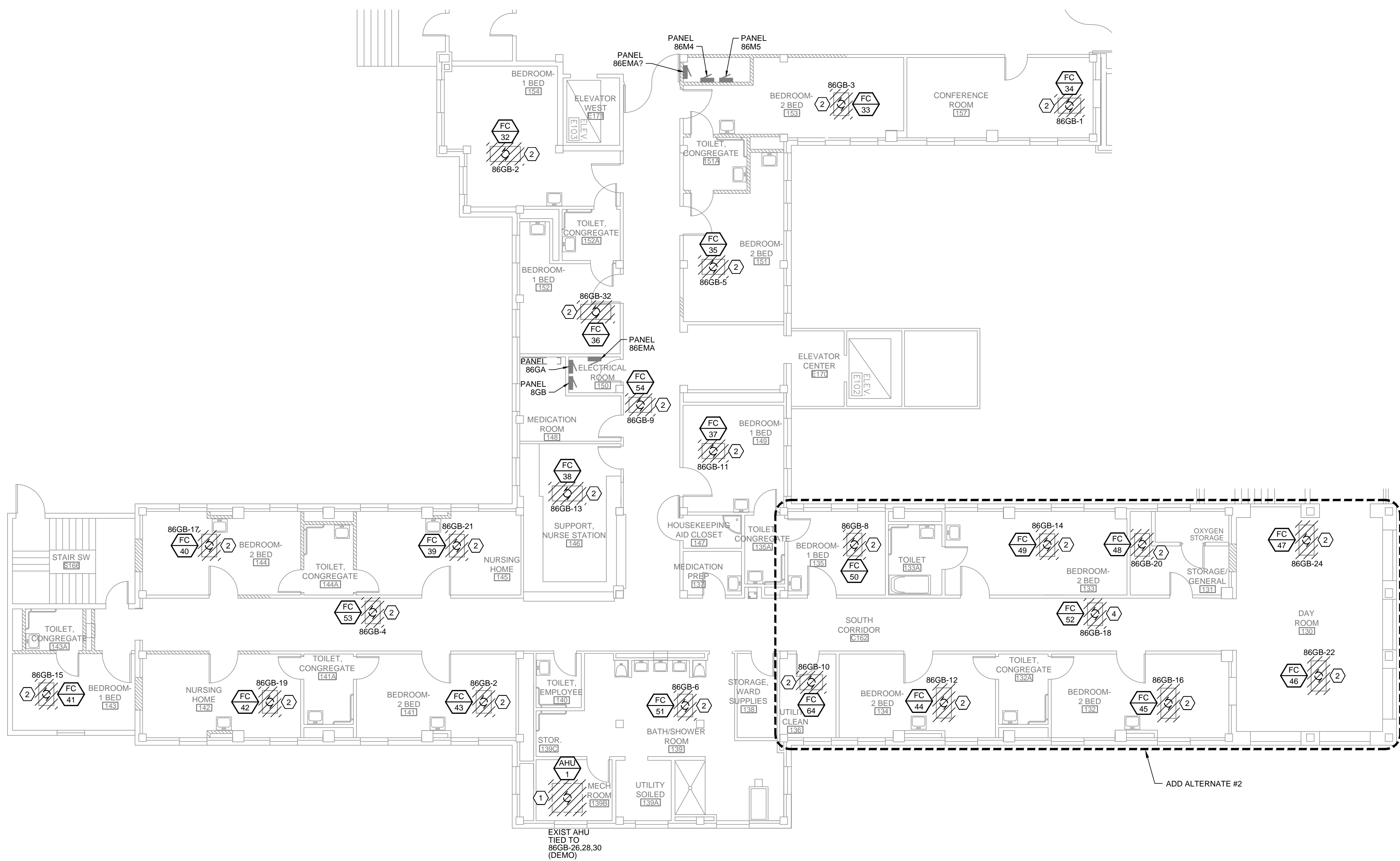
Building Number
86

Drawing Number
E102
Dwg. 22 of 27

Office of Construction and Facilities Management

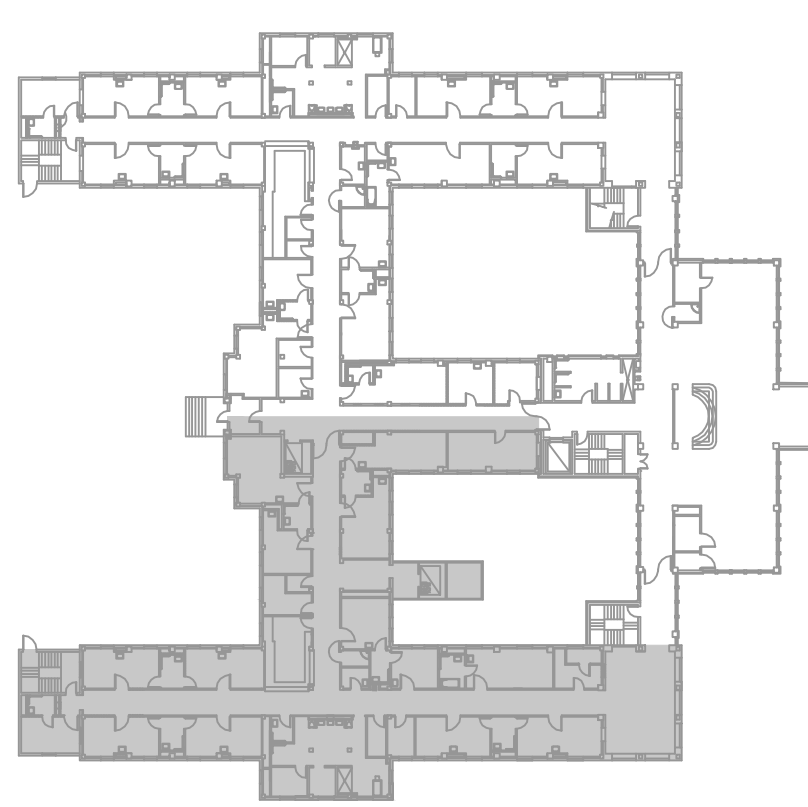
Department of Veterans Affairs

three inches = one foot
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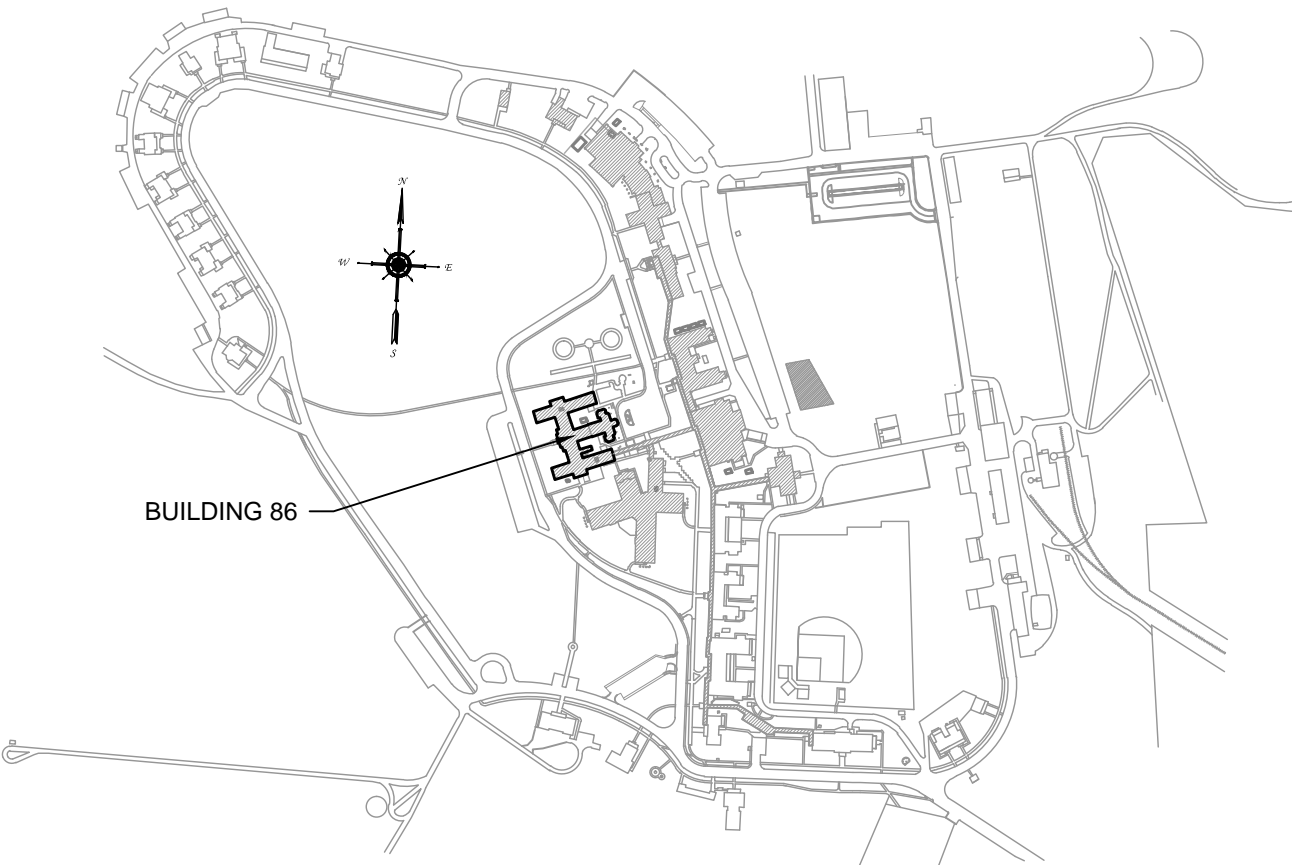


1 FIRST FLOOR DEMOLITION PLAN - SOUTH
E103 SCALE: 1/8" = 1'-0" BUILDING 86

- GENERAL NOTES:**
- A. ALL WORK SHOWN ON THIS DRAWING IS INCLUDED IN THE PROJECT BASE BID UNLESS SPECIFICALLY IDENTIFIED AS AN ADD ALT.
 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT BEING DEMOLISHED WHICH NEED ELECTRICAL DISCONNECTION.
- PLAN NOTES:**
- 1 REMOVE ELECTRICAL CONNECTION TO AIR HANDLING UNIT, DISCONNECT SWITCH, ETC AS REQUIRED. REMOVE CONDUCTOR BACK TO PANEL AS WELL AS CORRESPONDING BREAKER. CONTRACTOR MAY REUSE EXISTING CONDUIT, VERIFY IN FIELD THAT EXISTING CONDUIT IS 3/4" C.
 - 2 REMOVE ELECTRICAL CONNECTION TO FAN COIL UNIT, ETC AS REQUIRED. RETAIN IN PLACE ALL EXISTING CONDUCTORS AND GROUNDING CONDUCTORS FOR RECONNECTION IN PROJECT REMODEL PHASE.


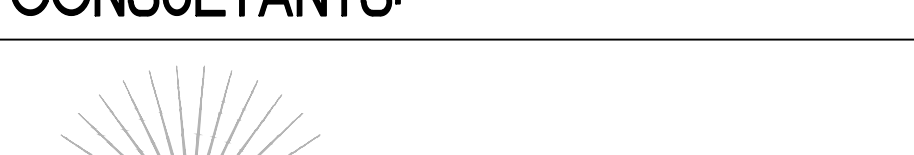
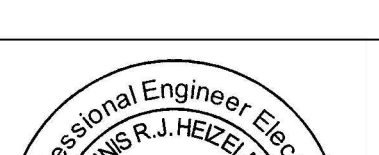



FIRST FLOOR KEY PLAN
SCALE: N.T.S.



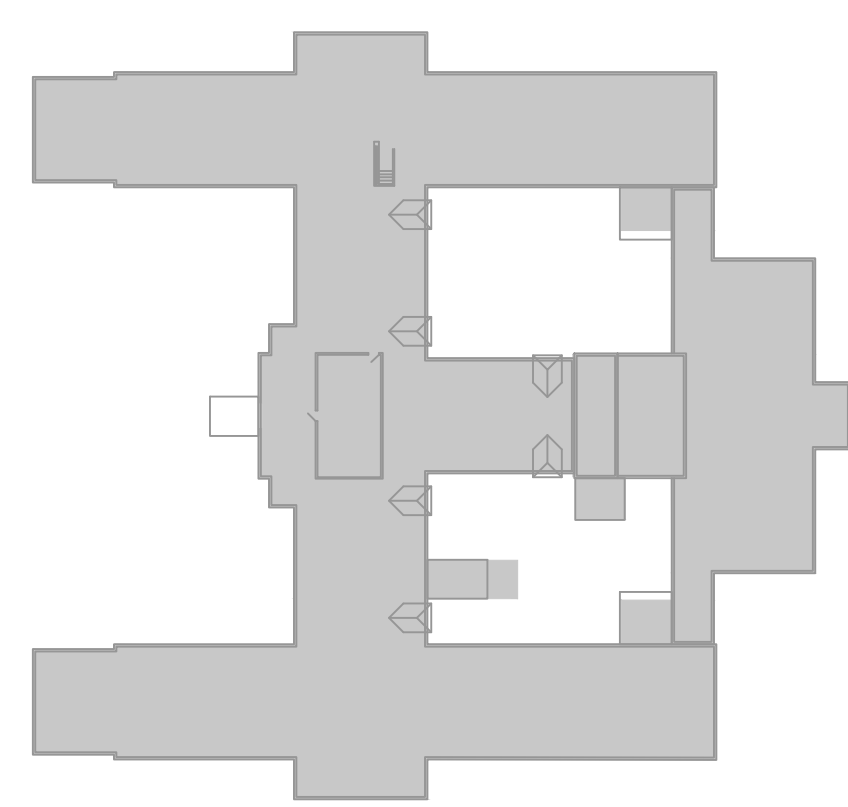
SITE KEY PLAN
SCALE: N.T.S.

FOR CONSTRUCTION

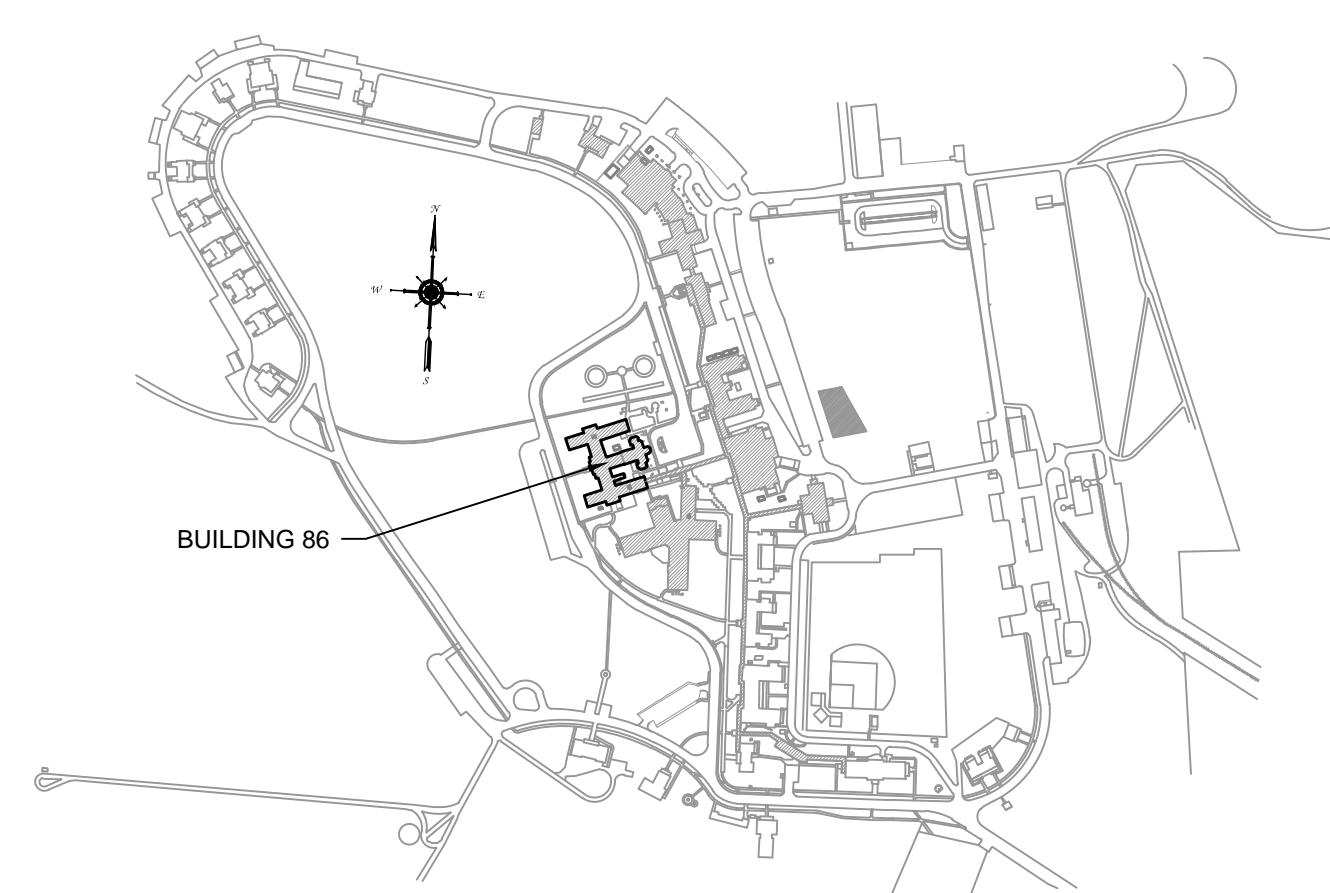
		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title FIRST FLOOR DEMOLITION PLAN - SOUTH		Project Title Sheridan VAMC Building 86 HVAC Remodel		Project Number 666-14-108 Building Number 86		Office of Construction and Facilities Management  Department of Veterans Affairs	
		 Office: (605) 341-6939 Fax: (605) 341-6883 www.maloneengineering.com SMalone@maloneengineering.com				 517 SEVENTH STREET RAPID CITY, SD 57701 (605) 342-9470 (605) 348-0571 (FAX) 08-1542-022		Approved Project Director		Location Sheridan, Wyoming		Drawing Number E103 Dwg. 23 of 27			
Revisions:		Date								Date 05 / 10 / 2013		Checked NFD		Drawn JRB	

one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot

- GENERAL NOTES:**
- A. ALL WORK SHOWN ON THIS DRAWING IS INCLUDED IN THE PROJECT BASE BID UNLESS SPECIFICALLY IDENTIFIED AS AN ADD ALT.
 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT BEING DEMOLISHED WHICH NEED ELECTRICAL DISCONNECTION.
 - D. PANELBOARD 86S LOCATED IN ELECTRICAL CLOSET EAST OF STAIR S202 ON THE SECOND FLOOR.
- PLAN NOTES:**
- 1 REMOVE ELECTRICAL CONNECTION TO EXHAUST FAN UNIT, ETC AS REQUIRED. REMOVE CONDUCTORS BACK TO SOURCE OF POWER. CONDUIT TO BE DEMOLISHED.

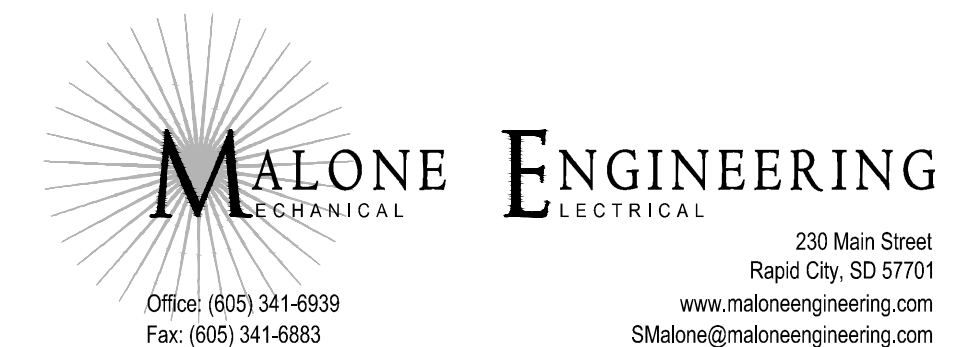
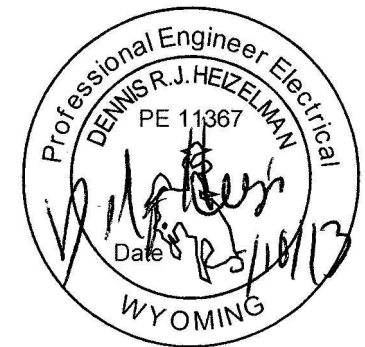


ATTIC FLOOR KEY PLAN
SCALE: N.T.S.



SITE KEY PLAN
SCALE: N.T.S.

1 ATTIC FLOOR DEMOLITION PLAN
SCALE: 3/32" = 1'-0" BUILDING 86

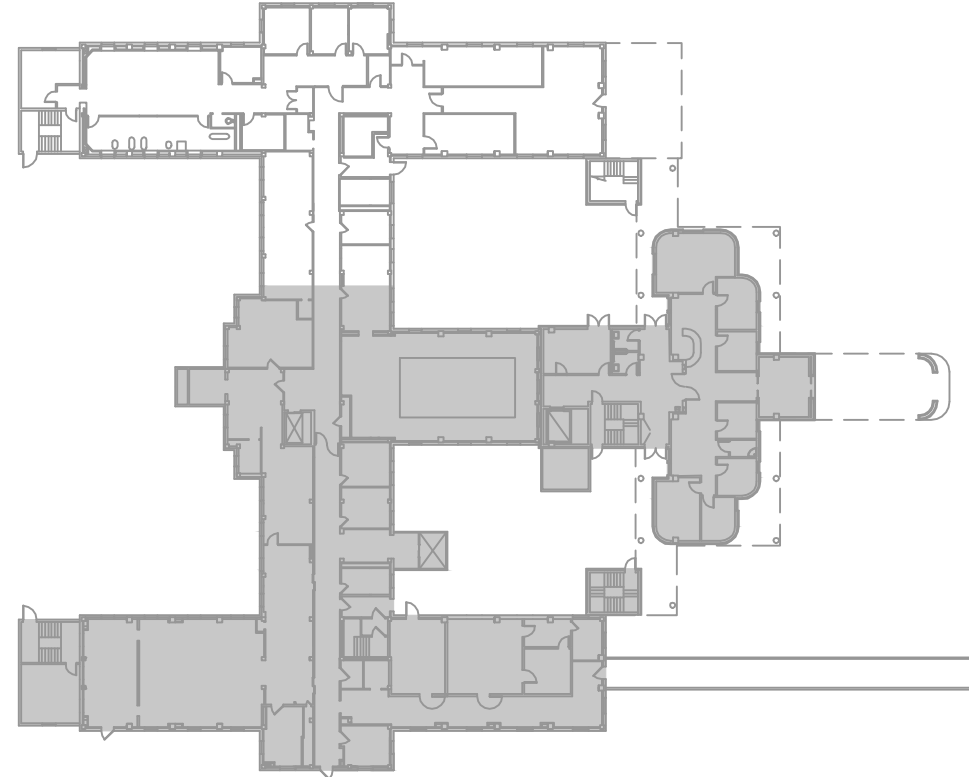
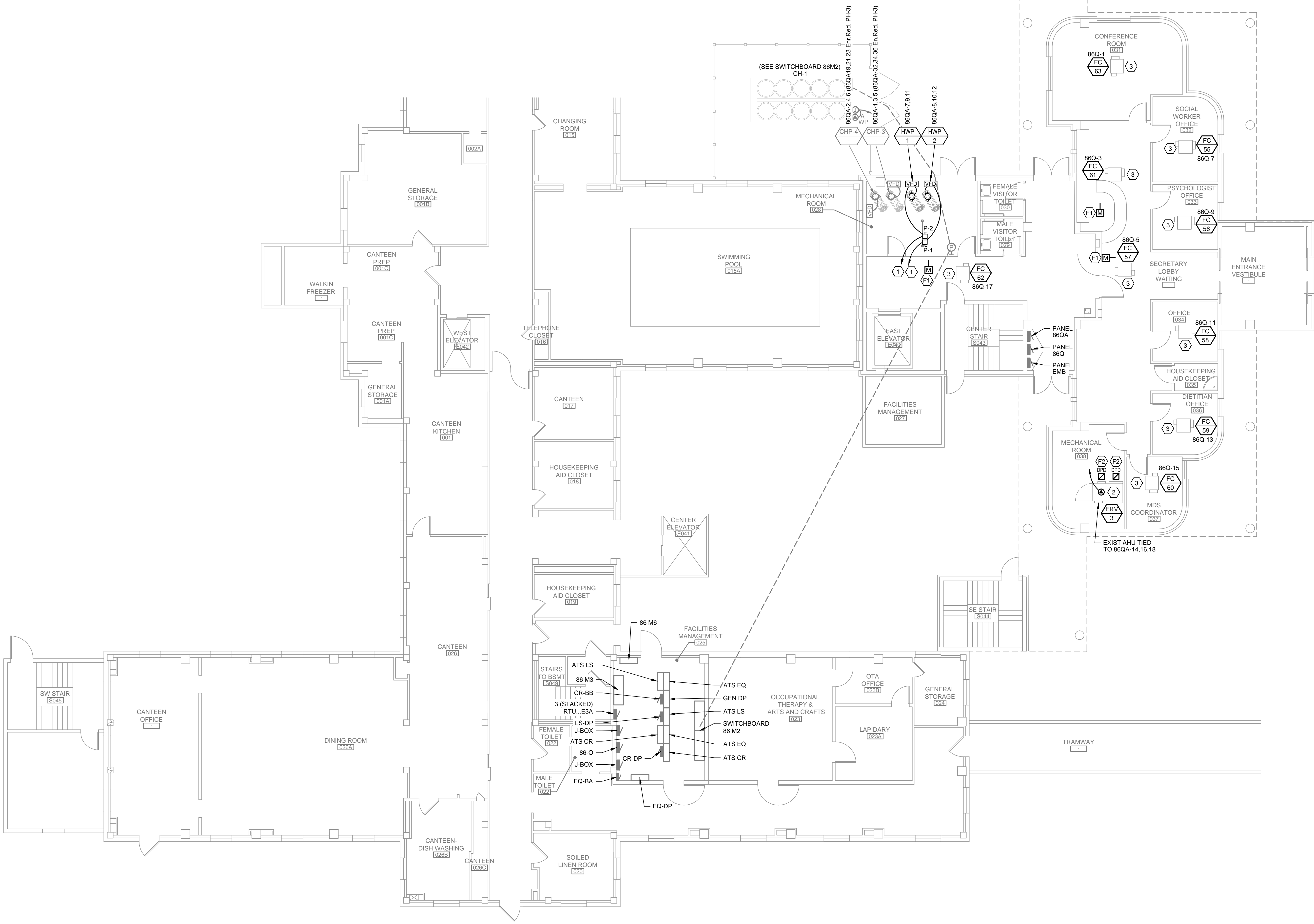
Revisions		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management Department of Veterans Affairs	
		 MALONE ENGINEERING MECHANICAL ELECTRICAL 220 Main Street Rapid City, SD 57701 www.maloneengineering.com Office: (605) 341-6939 Fax: (605) 341-6883		 ARCHITECT/ENGINEERS: 517 SEVENTH STREET RAPID CITY, SD 57701 (605) 342-9470 (605) 348-0571 (FAX) FOURFRONT DESIGN, INC. 08-1542-022		ATTIC FLOOR DEMOLITION PLAN		Sheridan VAMC Building 86 HVAC Remodel		666-14-108 Building Number 86			
Date						Approved: Project Director		Location Sheridan, Wyoming		Drawing Number E104 Dwg. 24 of 27			
								Date 05 / 10 / 2013		Checked NFD		Drawn JRB	

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

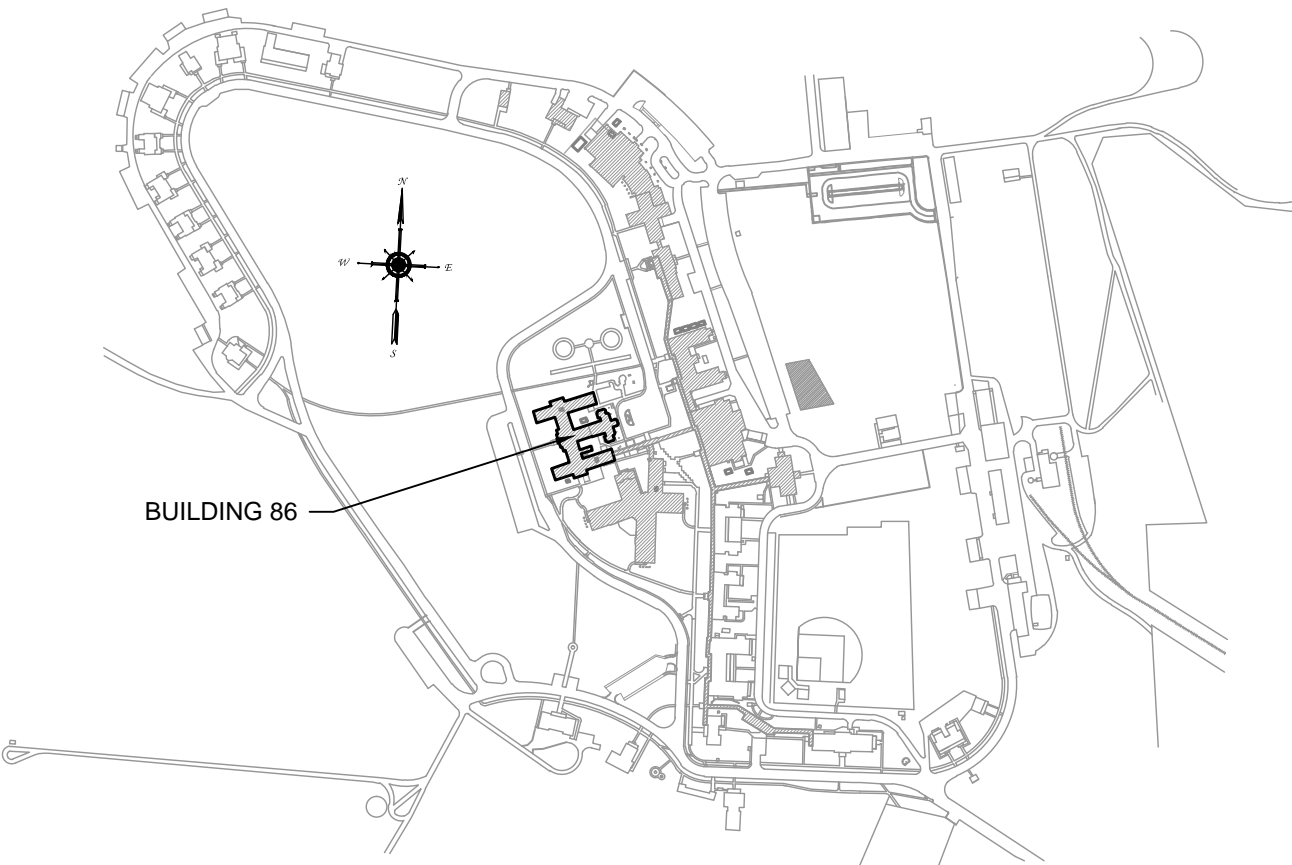
- GENERAL NOTES:**
- A. ALL WORK SHOWN ON THIS DRAWING IS INCLUDED IN THE PROJECT BASE BID UNLESS SPECIFICALLY IDENTIFIED AS AN ADD ALT.
 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT INSTALLATION LOCATIONS.
 - D. CIRCUIT NUMBERS GIVEN WERE TAKEN FROM EXISTING ELECTRICAL PLANS PROVIDED BY THE VA AND MAY NOT ACCURATELY REFLECT CIRCUIT NUMBERS IN THE FIELD. ALL CIRCUIT NUMBERS SHALL BE VERIFIED IN THE FIELD.
 - E. PROVIDE 120V CIRCUIT(S) FOR POWERING ALL MOTORIZED DAMPERS SHOWN ON THIS FLOOR. CONNECT A MAXIMUM OF 10 DAMPERS TO ONE CIRCUIT. CONTRACTOR MAY UTILIZE ANY SPARE 20A BREAKER FOUND IN THE FIELD, DOCUMENT PANEL/BREAKER NUMBER(S) USED FOR RECORD DRAWINGS.

- PLAN NOTES:**
- 1 EXISTING PUMP TO BE REPLACED WITH NEW HWP IN THE SAME LOCATION. PROVIDE A NEW, 30A NON-FUSED DISCONNECT SET TO 25A MOCIP AT THE LOCATION OF THE EXISTING PUMP DISCONNECTS, MOUNTED ON THE UNI-STRUT ASSEMBLY. VFD TO BE FURNISHED UNDER DIVISION 23. BUT INSTALLED UNDER DIVISION 26. PROVIDE 3#10 + #10G CU CONDUCTORS FROM HWP, THRU THE VFD AND DISCONNECT BACK TO THE PANEL WHICH THE ORIGINAL PUMPS WHICH WERE DEMOLISHED WAS FED FROM. IF THE CONDUIT WAS LEFT INTACT FROM THE DEMOLITION, THE CONTRACTOR MAY PULL THIS NEW CABLING THROUGH THIS RACEWAY. IF THE CONDUIT WAS DEMOLISHED, PROVIDE 1-3/4" PVC SCH 40. PROVIDE NEW 40A/3P BREAKER AT THE PANEL FOR THIS NEW LOAD. FIELD VERIFY THE PANEL TYPE AND FRAME SIZE FOR THE BREAKER.
 - 2 THIS ERV TO BE PROVIDED WITH AN INTEGRAL MOTOR STARTER AND DISCONNECT WITH A SINGLE POINT CONNECTION, COORDINATE WITH DIVISION 23. PROVIDE 3#10 + #10G CU CONDUCTORS FROM SINGLE CONNECTION POINT BACK TO THE PANEL WHICH INITIALLY FED THE AHU WHICH WAS REMOVED FROM THIS LOCATION. IF THE CONDUIT WAS LEFT INTACT FROM THE DEMOLITION, THE CONTRACTOR MAY PULL THIS NEW CABLING THROUGH THIS RACEWAY. IF THE CONDUIT WAS DEMOLISHED, PROVIDE 1-3/4" PVC SCH 40. PROVIDE NEW 40A/3P BREAKER AT THE PANEL FOR THIS NEW LOAD. FIELD VERIFY THE PANEL TYPE AND FRAME SIZE FOR THE BREAKER.
 - 3 CONNECT THIS NEW FAN COIL UNIT TO EXISTING CONDUCTORS PREVIOUSLY CONNECTED TO THE DEMOLISHED FAN COIL UNIT AT THIS LOCATION. SEE DEMOLITION PLANS. EXTEND CONDUCTORS/CONDUIT AS NECESSARY.

- FIRE ALARM SYSTEM NOTES:**
- F1 PROVIDE AND CONNECT RELAY INDIVIDUAL ADDRESSABLE MODULE (IAM) WITH AN ISOLATION RELAY FOR CONNECTIONS TO THE COMBINATION FIRE/SMOKE DAMPERS FROM THE FIRE ALARM SYSTEM SO THAT THE DAMPERS CLOSE WHENEVER THE ASSOCIATED AIR HANDLING UNIT/EXHAUST FAN IS NOT RUNNING.
 - F2 PLACE A DUCT SMOKE DETECTOR IN BOTH MAIN SUPPLY AND RETURN DUCTS OF THE ASSOCIATED AHU. FIELD COORDINATE EXACT LOCATION OF MAIN SUPPLY AND RETURN DUCT SMOKE DETECTOR WITH DIVISION 23. REFERENCE 7/E401 FOR ADDITIONAL REQUIREMENTS ON MOUNTING OF DUCT SMOKE DETECTORS.



BASEMENT KEY PLAN
SCALE: N.T.S.

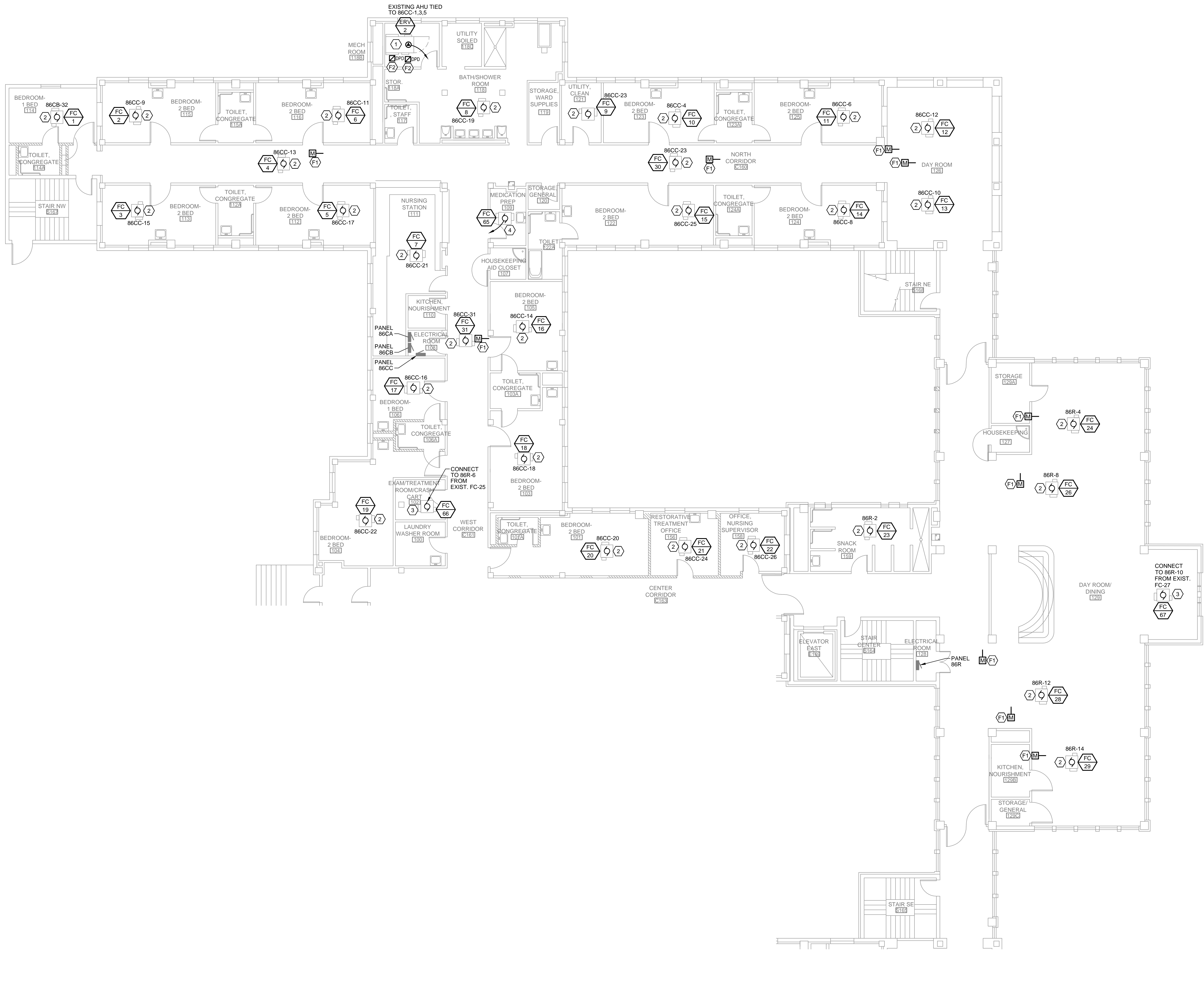


SITE KEY PLAN
SCALE: N.T.S.

1 BASEMENT FLOOR ELECTRICAL PLAN - SOUTH
SCALE: 1/8" = 1'-0" BUILDING 86

Revisions	CONSULTANTS: MALONE ENGINEERING 220 Main Street Rapid City, SD 57701 Office: (605) 341-6939 Fax: (605) 341-6885 www.maloneengineering.com SMalone@maloneengineering.com		ARCHITECT/ENGINEERS: FOURFRONT DESIGN INC. 517 SEVENTH STREET RAPID CITY, SD 57701 (605) 342-9470 (605) 348-0571 (FAX) 08-1542-022	Drawing Title BASEMENT FLOOR ELECTRICAL PLAN - SOUTH	Project Title Sheridan VAMC Building 86 HVAC Remodel	Project Number 666-14-108	Office of Construction and Facilities Management 	
				Approved Project Director	Location Sheridan, Wyoming	Drawing Number E201 Dwg. 25 of 27		
					Date 05 / 10 / 2013	Checked NFD	Drawn JRB	

three inches = one foot
one and one half inches = one foot
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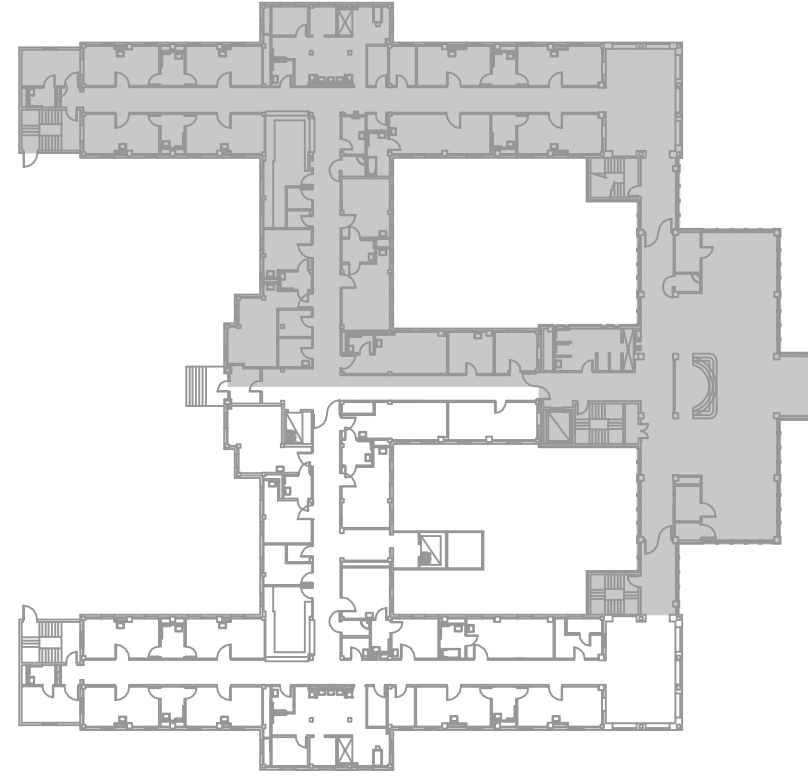


1 FIRST FLOOR ELECTRICAL PLAN - NORTH
E202 SCALE: 1/8" = 1'-0" BUILDING 86

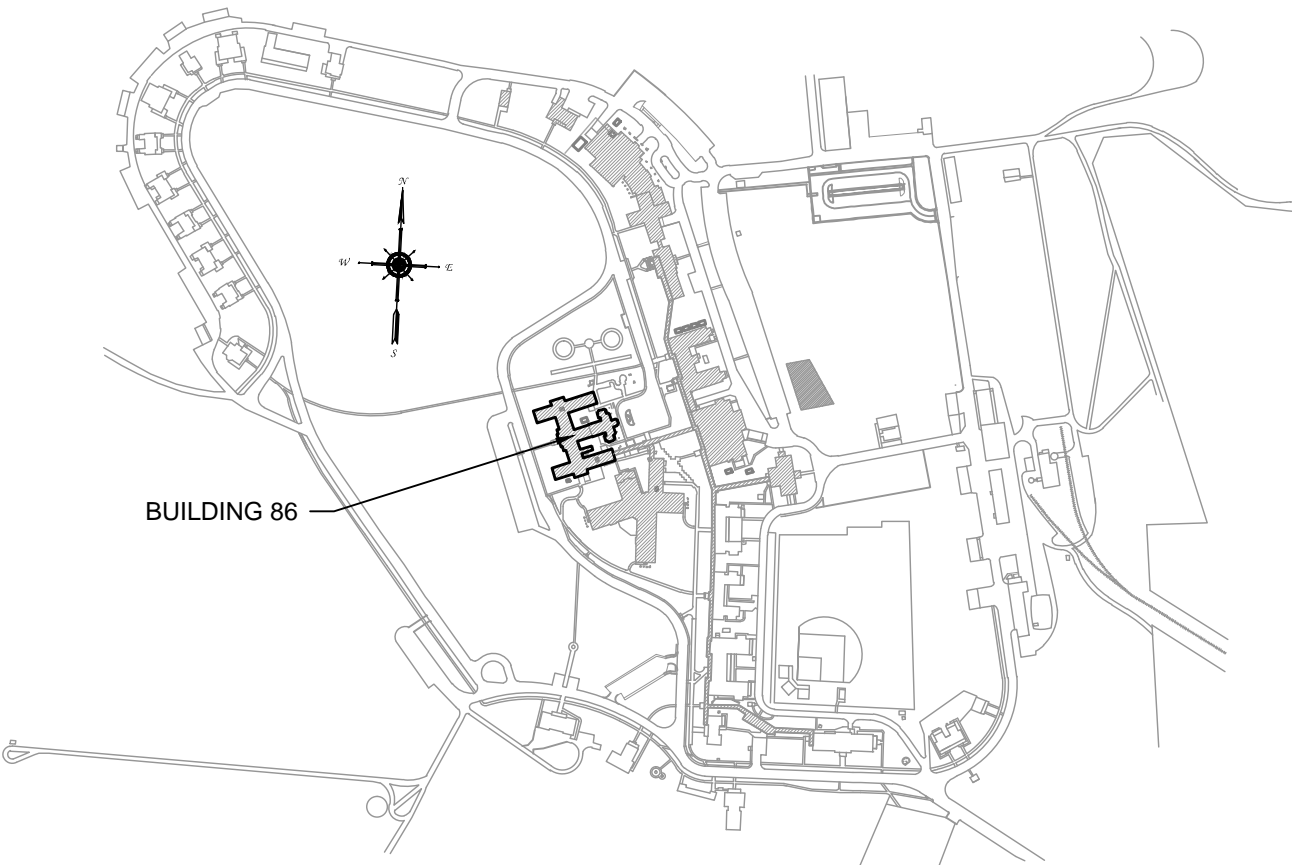
- GENERAL NOTES:**
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 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT INSTALLATION LOCATIONS.
 - D. CIRCUIT NUMBERS GIVEN WERE TAKEN FROM EXISTING ELECTRICAL PLANS PROVIDED BY THE VA AND MAY NOT ACCURATELY REFLECT CIRCUIT NUMBERS IN THE FIELD. ALL CIRCUIT NUMBERS SHALL BE VERIFIED IN THE FIELD.
 - E. PROVIDE 120V CIRCUIT(S) FOR POWERING ALL MOTORIZED DAMPERS SHOWN ON THIS FLOOR. CONNECT A MAXIMUM OF 10 DAMPERS TO ONE CIRCUIT. CONTRACTOR MAY UTILIZE ANY SPARE 20A BREAKER FOUND IN THE FIELD. DOCUMENT PANEL/BREAKER NUMBER(S) USED FOR RECORD DRAWINGS.

- POWER NOTES:**
- 1 THIS ERV TO BE PROVIDED WITH AN INTEGRAL MOTOR STARTER AND DISCONNECT WITH A SINGLE POINT CONNECTION, COORDINATE WITH DIVISION 23. PROVIDE 3#10 + #10G CU CONDUCTORS FROM SINGLE CONNECTION POINT BACK TO THE PANEL WHICH INITIALLY FED THE AHU WHICH WAS REMOVED FROM THIS LOCATION. IF THE CONDUIT WAS LEFT INTACT FROM THE DEMOLITION, THE CONTRACTOR MAY PULL THIS NEW CABLE THROUGH THIS RACEWAY. IF THE CONDUIT WAS DEMOLISHED, PROVIDE 1-3/4" PVC SCH 40. PROVIDE NEW 40A/50 BREAKER AT THE PANEL FOR THIS NEW LOAD. FIELD VERIFY THE PANEL TYPE AND FRAME SIZE FOR THE BREAKER.
 - 2 CONNECT THIS NEW FAN COIL UNIT TO EXISTING CONDUCTORS PREVIOUSLY CONNECTED TO THE DEMOLISHED FAN COIL UNIT AT THIS LOCATION. SEE DEMOLITION PLANS. EXTEND CONDUCTORS/CONDUIT AS NECESSARY.
 - 3 CONNECT THIS NEW FAN COIL UNIT TO THE NEW CIRCUIT SHOWN. THE CIRCUIT WAS PREVIOUSLY CONNECTED TO ANOTHER FAN COIL UNIT WHICH WAS DEMOLISHED BUT NOT REPLACED. COORDINATE WITH E102 FOR MORE INFORMATION ON THE PREVIOUSLY EXISTING FAN COIL. EXTEND CONDUCTOR/CONDUIT OR RUN NEW AS NECESSARY TO CONNECT THIS LOAD TO THE PANEL.
 - 4 PROVIDE A 20A/1P AND 1#12+1#12G CU FROM PANEL FROM 86CB TO THIS FAN COIL UNIT FC-65. IF THERE IS AN OPEN 20A/1P SPARE IN THIS PANEL, THE CONTRACTOR MAY UTILIZE IT.

- FIRE ALARM SYSTEM NOTES:**
- F1 PROVIDE AND CONNECT RELAY INDIVIDUAL ADDRESSABLE MODULE (IAM) WITH AN ISOLATION RELAY FOR CONNECTIONS TO THE COMBINATION FIRE/SMOKE DAMPERS FROM THE FIRE ALARM SYSTEM SO THAT THE DAMPERS CLOSE WHENEVER THE ASSOCIATED AIR HANDLING UNIT/EXHAUST FAN IS NOT RUNNING.
 - F2 PLACE A DUCT SMOKE DETECTOR IN BOTH MAIN SUPPLY AND RETURN DUCTS OF THE ASSOCIATED AHU. FIELD COORDINATE EXACT LOCATION OF MAIN SUPPLY AND RETURN DUCT SMOKE DETECTOR WITH DIVISION 23. REFERENCE 7/E401 FOR ADDITIONAL REQUIREMENTS ON MOUNTING OF DUCT SMOKE DETECTORS.


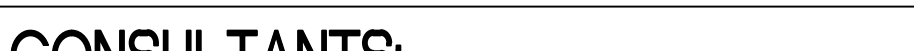



FIRST FLOOR KEY PLAN
SCALE: N.T.S.

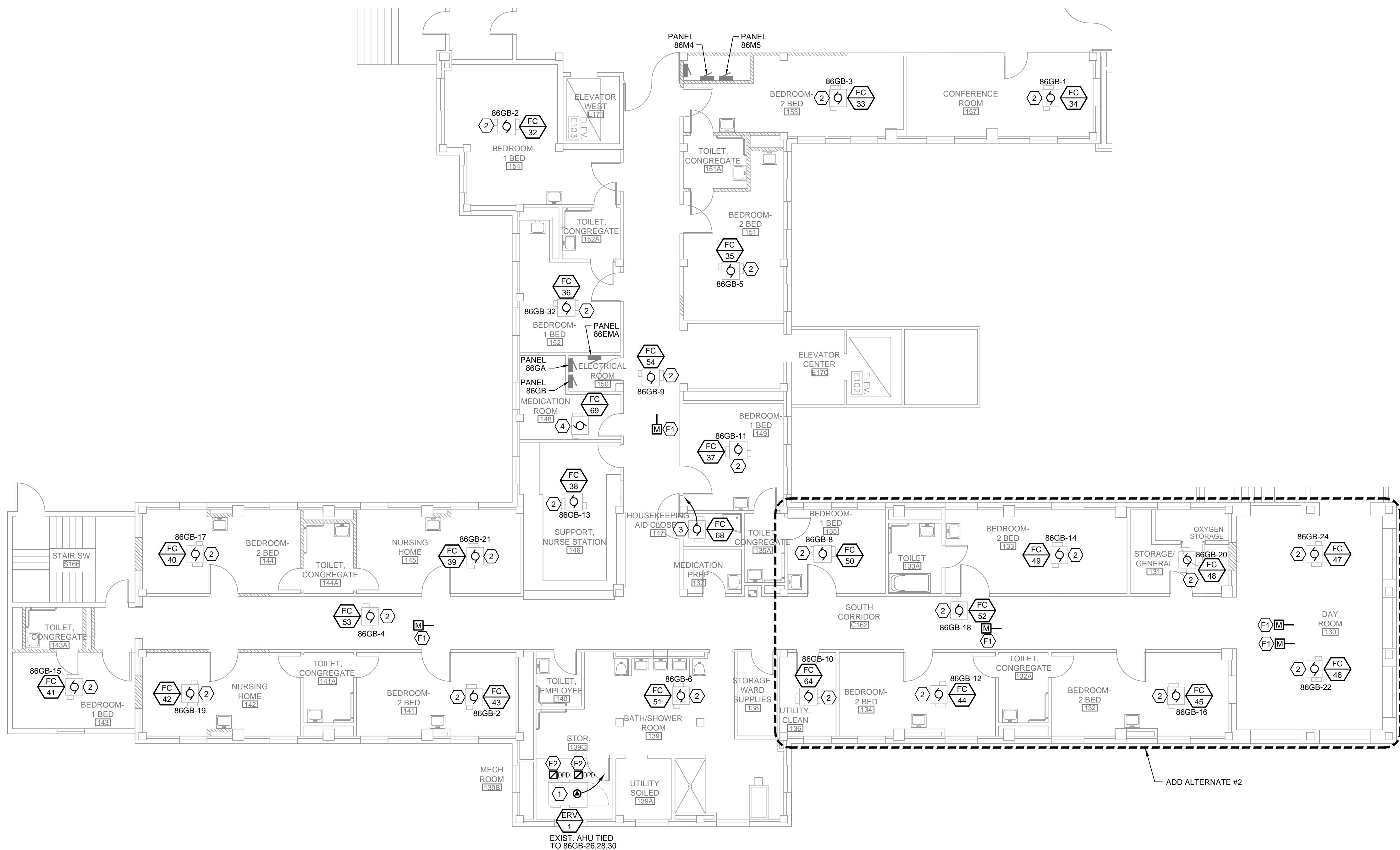


SITE KEY PLAN
SCALE: N.T.S.

FOR CONSTRUCTION

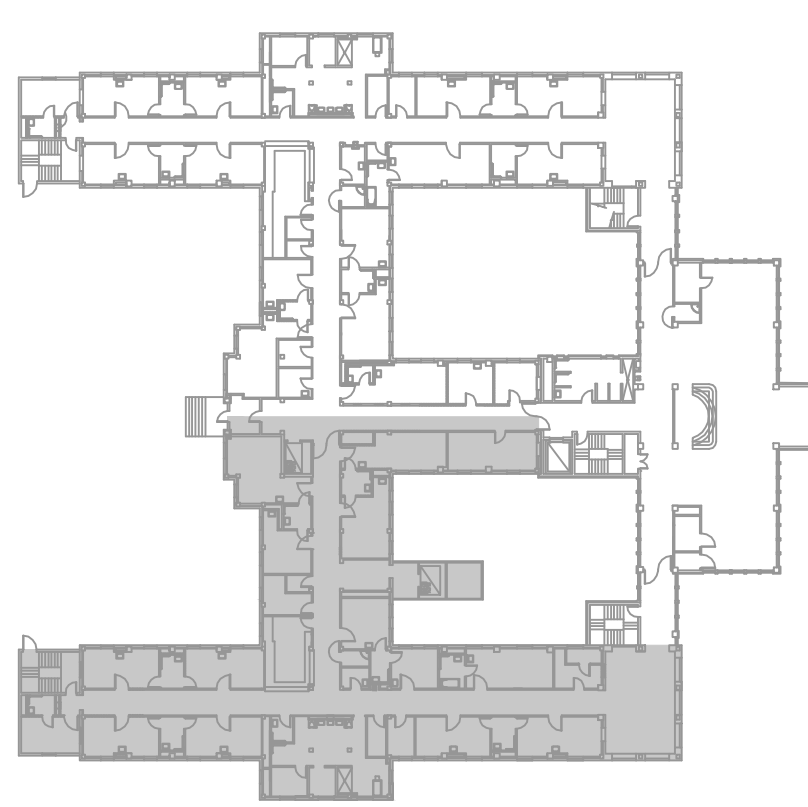
		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title Sheridan VAMC Building 86 HVAC Remodel		Project Title 666-14-108		Office of Construction and Facilities Management	
		 220 Main Street Rapid City, SD 57701 Office: (605) 341-6939 Fax: (605) 341-6883 www.maloneengineering.com SMalone@maloneengineering.com				 517 SEVENTH STREET RAPID CITY, SD 57701 (605) 342-9470 (605) 348-0571 (FAX) 08-1542-022		FIRST FLOOR ELECTRICAL PLAN - NORTH		Building Number 86		Department of Veterans Affairs	
								Approved Project Director		Location Sheridan, Wyoming		Drawing Number E202 Dwg. 26 of 27	
								Date 05 / 10 / 2013		Checked NFD		Drawn JRB	
Revisions:		Date											

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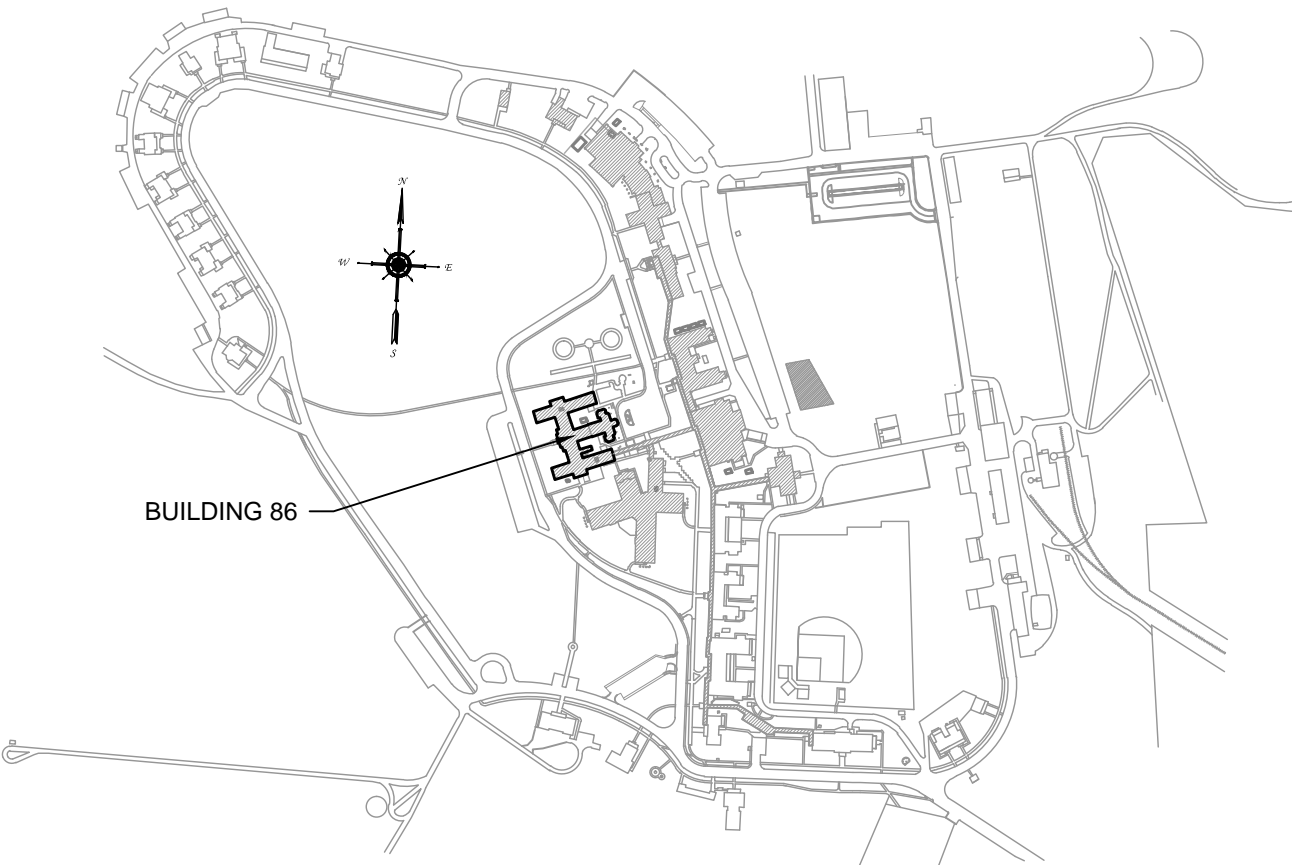


1 FIRST FLOOR ELECTRICAL PLAN - SOUTH
E203 SCALE: 1/8" = 1'-0" BUILDING 86

- GENERAL NOTES:**
- A. ALL WORK SHOWN ON THIS DRAWING IS INCLUDED IN THE PROJECT BASE BID UNLESS SPECIFICALLY IDENTIFIED AS AN ADD ALT.
 - B. VERIFY IN FIELD ALL EXISTING CONDITIONS.
 - C. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT INSTALLATION LOCATIONS.
 - D. CIRCUIT NUMBERS GIVEN WERE TAKEN FROM EXISTING ELECTRICAL PLANS PROVIDED BY THE VA AND MAY NOT ACCURATELY REFLECT CIRCUIT NUMBERS IN THE FIELD. ALL CIRCUIT NUMBERS SHALL BE VERIFIED IN THE FIELD.
 - E. PROVIDE 120V CIRCUIT(S) FOR POWERING ALL MOTORIZED DAMPERS SHOWN ON THIS FLOOR. CONNECT A MAXIMUM OF 10 DAMPERS TO ONE CIRCUIT. CONTRACTOR MAY UTILIZE ANY SPARE 20A BREAKER FOUND IN THE FIELD. DOCUMENT PANEL/BREAKER NUMBER(S) USED FOR RECORD DRAWINGS.
- POWER NOTES:**
- 1 THIS ERV TO BE PROVIDED WITH AN INTEGRAL MOTOR STARTER AND DISCONNECT WITH A SINGLE POINT CONNECTION. COORDINATE WITH DIVISION 23. PROVIDE 3#10 + #10G CU CONDUCTORS FROM SINGLE CONNECTION POINT BACK TO THE PANEL WHICH INITIALLY FED THE AHU WHICH WAS REMOVED FROM THIS LOCATION. IF THE CONDUIT WAS LEFT INTACT FROM THE DEMOLITION, THE CONTRACTOR MAY PULL THIS NEW CABLING THROUGH THIS RACEWAY. IF THE CONDUIT WAS DEMOLISHED, PROVIDE 1-3/4" PVC SCH 40. PROVIDE NEW 40A/3P BREAKER AT THE PANEL FOR THIS NEW LOAD. FIELD VERIFY THE PANEL TYPE AND FRAME SIZE FOR THE BREAKER.
 - 2 CONNECT THIS NEW FAN COIL UNIT TO EXISTING CONDUCTORS PREVIOUSLY CONNECTED TO THE DEMOLISHED FAN COIL UNIT AT THIS LOCATION. SEE DEMOLITION PLANS. EXTEND CONDUCTORS/CONDUIT AS NECESSARY.
 - 3 PROVIDE A 20A/1P AND 1#12+1#12G CU FROM PANEL FROM 86GB TO THIS FAN COIL UNIT FC-68. IF THERE IS AN OPEN 20A/1P SPARE IN THIS PANEL, THE CONTRACTOR MAY UTILIZE IT.
 - 4 PROVIDE A 20A/1P AND 1#12+1#12G CU FROM PANEL FROM 86GB TO THIS FAN COIL UNIT FC-69. IF THERE IS AN OPEN 20A/1P SPARE IN THIS PANEL, THE CONTRACTOR MAY UTILIZE IT.
- FIRE ALARM SYSTEM NOTES:**
- F1 PROVIDE AND CONNECT RELAY INDIVIDUAL ADDRESSABLE MODULE (IAM) WITH AN ISOLATION RELAY FOR CONNECTIONS TO THE COMBINATION FIRE/SMOKE DAMPERS FROM THE FIRE ALARM SYSTEM SO THAT THE DAMPERS CLOSE WHENEVER THE ASSOCIATED AIR HANDLING UNIT/EXHAUST FAN IS NOT RUNNING.
 - F2 PLACE A DUCT SMOKE DETECTOR IN BOTH MAIN SUPPLY AND RETURN DUCTS OF THE ASSOCIATED AHU. FIELD COORDINATE EXACT LOCATION OF MAIN SUPPLY AND RETURN DUCT SMOKE DETECTOR WITH DIVISION 23. REFERENCE 7E401 FOR ADDITIONAL REQUIREMENTS ON MOUNTING OF DUCT SMOKE DETECTORS.







FIRST FLOOR KEY PLAN
SCALE: N.T.S.



SITE KEY PLAN
SCALE: N.T.S.

FOR CONSTRUCTION

		CONSULTANTS:				ARCHITECT/ENGINEERS:				Drawing Title First Floor Electrical Plan - South		Project Title Sheridan VAMC Building 86 HVAC Remodel		Project Number 666-14-108		Office of Construction and Facilities Management 			
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